
**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

|           |                        |                    |
|-----------|------------------------|--------------------|
| Mail Stop | Application Number     | 10/085,598         |
|           | Filing Date            | February 26, 2002  |
|           | First Named Inventor   | Hongfeng Yin       |
|           | Art Unit               | 1723               |
|           | Examiner Name          | Ernest G. Therkorn |
| Amendment | Attorney Docket Number | 10010924-1         |

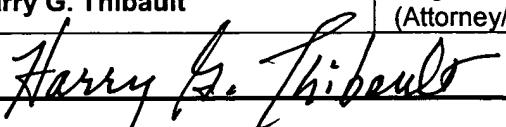
**ENCLOSURES (Check all that apply)**

|   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> <b>No fee due</b><br><input checked="" type="checkbox"/> <b>Fee Transmittal</b><br><input type="checkbox"/> <b>Fee(s) due</b><br><input type="checkbox"/> Fee Transmittal<br><input type="checkbox"/> Charge the total fee(s) due of<br>\$* to Deposit Account<br>No. 50-1078 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation,<br>Change of Correspondence<br>Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s): | <input type="checkbox"/> After Allowance Communication<br>to a Technology Center (TC)<br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please<br>identify below): |
|---|---|--|

**Remarks:**

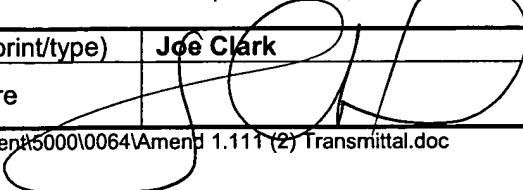
**The Commissioner is hereby authorized to charge any additional or  
underpayment of fee(s) to Deposit Account No. 50-1078.**

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                   |   |                                      |        |           |                  |
|-------------------|---|--------------------------------------|--------|-----------|------------------|
| Name (print/type) | Harry G. Thibault   | Registration No.<br>(Attorney/Agent) | 26,347 | Telephone | (650) 330-0900   |
| Signature         |  |                                      |        | Date      | January 13, 2005 |

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 13, 2005.

|                   |   |      |                  |
|-------------------|---|------|------------------|
| Name (print/type) | Joe Clark   | Date | January 13, 2005 |
| Signature         |  |      |                  |



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# Fee Transmittal for FY 2005

Effective 10/01/03. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** **\$0.00**

R&E No. 5000-0064

PTO/SB/17 (10-04)

Approved for use through 07/31/2006 OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application Number   | 10/085,598         |
| Filing Date          | February 26, 2002  |
| First Named Inventor | Hongfeng Yin       |
| Examiner Name        | Ernest G. Therkorn |
| Group Art Unit       | 1723               |
| Attorney Docket No.  | 10010924-1         |

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

|                      |                            |
|----------------------|----------------------------|
| Deposit Account No.  | 50-1078                    |
| Deposit Account Name | Agilent Technologies, Inc. |

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Charge any underpayment or credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## Fee Calculation

### 1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Description | Fee Paid               |
|--------------|--------------|-----------------|------------------------|
| Fee          | Fee          | Fee             | Fee                    |
| Code         | Code         | (\$)            | (\$)                   |
| 1001         | 2001         | 395             | Utility filing fee     |
| 1002         | 2002         | 175             | Design filing fee      |
| 1003         | 2003         | 275             | Plant filing fee       |
| 1004         | 2004         | 395             | Reissue filing fee     |
| 1005         | 2005         | 80              | Provisional filing fee |

**SUBTOTAL (1)** **\$**

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | 28 | - 38** = | 0 | x | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|----------|---|---|--------------|----------------|----------|
| Independent Claims | 5  | - 7** =  | 0 | x |              |                |          |
| Multiple Dependent |    |          |   | x |              |                |          |

| Large Entity | Small Entity | Fee Description |
|--------------|--------------|-----------------|
| Fee          | Fee          | Fee             |
| Code         | Code         | (\$)            |
| 1202         | 18           | 2202 9          |
| 1201         | 88           | 2201 44         |
| 1203         | 300          | 2203 150        |
| 1204         | 88           | 2204 44         |
| 1205         | 18           | 2205 9          |

**SUBTOTAL (2)** **\$**

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid   |
|--------------|--------------|-----------------|--|
| Fee          | Fee          | Fee             | Fee  |
| Code         | Code         | (\$)            | (\$)   |
| 1051         | 130          | 2051 65         | Surcharge - late filing fee or oath  |
| 1052         | 50           | 2052 25         | Surcharge - late provisional filing fee or cover sheet                     |
| 1053         | 130          | 1053 130        | Non-English specification  |
| 1812         | 2,520        | 1812 2,520      | For filing a request for ex parte reexamination                            |
| 1804         | 920*         | 1804 920*       | Requesting publication of SIR prior to Examiner action                     |
| 1805         | 1,840*       | 1805 1,840*     | Requesting publication of SIR after Examiner action                        |
| 1251         | 110          | 2251 55         | Extension for reply within first month                                     |
| 1252         | 430          | 2252 215        | Extension for reply within second month                                    |
| 1253         | 980          | 2253 490        | Extension for reply within third month                                     |
| 1254         | 1,530        | 2254 765        | Extension for reply within fourth month                                    |
| 1255         | 2,080        | 2255 1,040      | Extension for reply within fifth month                                     |
| 1401         | 340          | 2401 170        | Notice of Appeal   |
| 1402         | 340          | 2402 170        | Filing a brief in support of an appeal                                     |
| 1403         | 300          | 2403 150        | Request for oral hearing   |
| 1451         | 1,510        | 1451 1,510      | Petition to institute a public use proceeding                              |
| 1452         | 110          | 2452 55         | Petition to revive - unavoidable   |
| 1453         | 1,370        | 2453 685        | Petition to revive - unintentional   |
| 1501         | 1,370        | 2501 685        | Utility issue fee (or reissue)   |
| 1502         | 490          | 2502 245        | Design issue fee   |
| 1503         | 660          | 2503 330        | Plant issue fee  |
| 1460         | 130          | 1460 130        | Petitions to the Commissioner  |
| 1807         | 50           | 1807 50         | Processing fee under 37 CFR 1.17(q)  |
| 1806         | 180          | 1806 180        | Submission of Information Disclosure Stmt                                  |
| 8021         | 40           | 8021 40         | Recording each patent assignment per property (times number of properties) |
| 1809         | 790          | 2809 395        | Filing a submission after final rejection (37 CFR § 1.129(a))              |
| 1810         | 790          | 2810 395        | For each additional invention to be examined (37 CFR § 1.129(b))           |
| 1801         | 790          | 2801 395        | Request for Continued Examination (RCE)                                    |
| 1802         | 900          | 1802 900        | Request for expedited examination of a design application                  |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

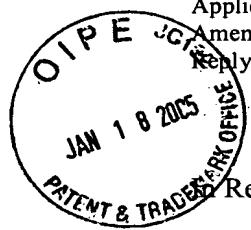
**SUBTOTAL (3)**

**\$**

## SUBMITTED BY

Complete (if applicable)

|                   |                          |                                   |        |           |                  |
|-------------------|--------------------------|-----------------------------------|--------|-----------|------------------|
| Name (Print/Type) | Harry G. Thibault        | Registration No. (Attorney/Agent) | 26,347 | Telephone |                  |
| Signature         | <i>Harry G. Thibault</i> |                                   |        | Date      | January 13, 2005 |



Application No. 10/085,598  
Amendment dated January 13, 2005  
Reply to Office Action of October 14, 2004

1793 IFL  
Atty Dkt No. 10010924-1  
Reed IP No. 5000-0064

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:  
Hongfeng YIN et al. Confirmation No.: 7083  
Serial No.: 10/085,598 ✓ Group Art Unit: 1723  
Filing Date: February 26, 2002 Examiner: Ernest G. THERKORN  
Title: MOBILE PHASE GRADIENT GENERATION MICROFLUIDIC DEVICE

**AMENDMENT UNDER 37 CFR § 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated October 14, 2004, please amend the above-identified application as follows.

**Amendments to the Specification** begin on page 2 of this document.

**Amendments to the Claims** are reflected in the listing of the claims which begins on page 6 of this document.

**Remarks** begin on page 12 of this document.